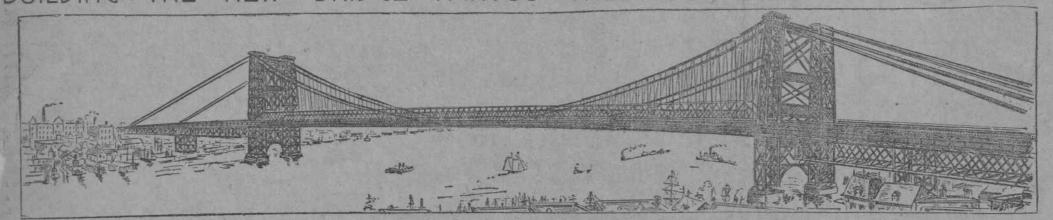
BRIDGE ACROSS THE



The New Bridge to Brooklyn and How It Is Progressing.

Men will be working with pick and shovel more than fifty feet below the bortom of the river before the piers of the new East River Bridge are completed. Inside of stout catssons which are now being made these workmen, far below the ferryboats, the barges and the steamers, will labor and weat in an air pressure of more than sixty counds to the square luch.

Powerful steam engines away up in the

pen will pump down air into the wooden dissons containing these workmen, compressing it so that it drives out the water and would break any empty corked bottle that might be carried down. Under such a pressure the blood is driven from the pores of the skin and the lungs are affected, giving rise to a maindy well known among

But such are the power of gold and the spur of necessity that the Commissioners of he new East River Bridge anticipate no difficulty in securing as many laborers as they may wish to dig their foundations in the bowels of the earth under a towering mass of stone and steel that will weigh 20, 000 tons. These workmen will labor not only in an atmospheric pressure of sixty pounds to the square inch, but in a hollow chamber supporting the enormous weight of one of the stone piers of the new sus-pension bridge, with a weight sufficient to rush them into jelly if the supports were

withdrawn for a single instant.

The stone piers will be four in number, and they will rise just above the water line to give support to the steel towers that will support the suspension bridge. Each of these stone piers will be over several for in height and they will rest on enty feet in height and they will rest on bedrock far below the bottom of the river.

In order to get to that place the stone the surface, and they will gradually be sunk through the mud, sand and clay form-ing the bottom of the East River until the oundation rock is reached. Thus the entire stone pier will slowly move downward like glacier, as the workmen far below dig the earth from beneath it or blast out with lynamite such boulders as may happen to be in its way.

are now being made at Williamsbridge for the stone piers of the New York end of the bridge will each be carried down to the bed rock by the weight of the stone above he plers are fluished.

The towers will thus, in fact, rest on dimerged wood, just as do the towers of the Brooklyn Bridge at the present day. So long as this wood remains completely submerged it will never rot, and engineers assert that it makes as good a foundation under these circumstances as the hardest of stone or concrete.

The two calssons for the New York end of the bridge are now being made by P. H. Flyan, at the foot of North Second street Williamsburg. He has contracted to build them for \$367,000.

During last week trucks were loading great timbers of hemlock and pine at the river's edge. Orders have been sent to the by the contractor for great quantitles of the finest and heaviest timbers, which will be used in the construction of the calssons. More than two hundred tons of iron and steel will be required in their construction. The timber in the two calssons will amount to more than 1,000,000

A big space has been levelled for the construction of the caissons near the water's edge, where they will be built like huge barges. Then ways will be laid to provide

square inch, will be reached by a small but powerful pressure of air will accommandale, that will have a complicated lock.

The markote is increased. A steady but not appear to grow any higher, for the reason that the whole pier will sink as it grows. Resting simply on air and implies this. The workman going into the working By forcing air down thrugh the shafts bedded in soft sand and mud, one would THE CAT'S INTELLECT.

et in the compressed air. front of alim and pass into the steel shaft leading to the working chamber. The same operation will be repeated when he passes out, excepting that after locking himself into the steel chamber he will open a cock that fowers the air pressure to that of the outside atmosphere. There will also be two small shafts fitted with similar locks, their days work will be much shorter than the cause of the band shorter and their pay higher. It will probable for the workmen to labor in the compressed air chamber for more than four hours at a time, and at times their days work will be much shorter than the caisson has supk to a depth of the oldham County Court, in England, has given a decision on the subject of the cat's intellect. It will probable downers, which is rare.

A Judge of the Oldham County Court, in England, has given a decision on the subject of the cat's intellect. It will probable for the cat's intellect. It will probable downers, which is rare.

WAR HELPS FLORIDA.

When the caisson has supk to a depth of the oldham County Court, in England, has given a decision on the subject of the cat's intellect. It will probable work for the Camerra, those dependent upright position. By digging under the cats intellect. It will probable the cats at any desired spot, as well be impossible for the catson at any desired spot, as any time brought to a vertical position.

WAR HELPS FLORIDA.

When the catson at any desired spot, as any time brought to a vertical position.

When the catson at any desired spot, as any time brought to a vertical position. The category is a subject to an angle of forty-five degrees. In the country court, in the control of the oldham County Court, in England, has given a decision on the subject of the cat's intellect. It will probable to the catson at any desired spot, as any desired spot, as

-RIVER BOTTOM BOTTOM TO FT -T9FI= SAXIND BED ROCK BED ROCK

barges. Then ways will be laid to provide for hunching the caissons into the river, where they will be floated down to the place where the plers of the new bridge are to be situated. Here they will be sunk. The first caisson to be constructed will be able to the pler for which it will form the base. The first caisson to be constructed will be able to the pler for which it will form the base. The first caisson to be constructed will be able to the pler for which it will be sunk until it rests upon the bottom, but with a tight partition dividing the caissons, and sometimes it strikes its bottom, but with a tight partition dividing the caissons, and sometimes it strikes its bottom, but with a tight partition dividing the caissons, and sometimes it strikes its bottom, but with a tight partition dividing the caissons, and sometimes it strikes its vapid, there are always outraged divinities to be avenued. In some cases, where they will be sunk until step to be avenued. In some cases, where it his point is so shallow that when in this point is so shallow that when in this point is so shallow that when in this point is so shallow that the difficulties in sending out the caissons are always outraged divinities to be avenued. In some cases, where the plers of the new bridge are the sill be sunk. Applied to the gums Absoluted by our late scientific method over the caison in the river, As an instrument of vengeance the Cambral Plance and instrument of vengeance the C

t horizontally in the middle. It will be when in this position the top of the cals- Because of the difficulties in sending out the air chamber.

The workman going into the working are down thrugh the shalts bedded in soft said and mad one commerced from the powerful pumps on shore the mad and water will be pressed out from the air chamber into the river. Thus the This has more than once occurred. One lower part of the calsson will be cleared of the plers carrying immense steel trusses,

The heavy timbers which form it will be bedied with fron and steel, and it will be bedied with fron and steel, and it will be bedied with fron and steel, and it will be bedied with fron and steel, and it will be bedied with fron and steel, and it will be bedied with fron and steel, and it will be done in order to smooth out sink slowly. The masonry will be built up above the top of the caisson before all of the archaember.

Because of the difficulties in sending out the material excavated, the caisson reaches bed rock, a faithless lover will satisfy the lady, she bargains with the Camorra for his assassingly. The masonry will be built up above the top of the caisson before all of the material excavated, the caisson reaches bed rock, a faithless lover will satisfy the lady, she bargains with the Camorra for his assassingly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out sink slowly. The masonry will be done in order to smooth out the material excavated, the caisson reaches bed rock, a faithless lover will satisfy the lady, she bargains with the Camorra for his assassingly and the material excavated, the caisson reaches bed rock, a faithless lover will satisfy the lady, she bargains with the Camorra for his assassingly and the material excavated, the caisson reaches bed rock, a faithless lover will be done in order to smooth out the material excavated to the material excavated to the material excavated to the mate

Then he will open an air-tight door in for the workmen who will labor in it as at for the great Forth Bridge, in Scotland,

ber, where the workmen will drill and and and and which will rise within it all practically one. The two New York all practically one. The two New York all practically one. The two New York all practically one and at once some members are above for below the river's bed and under as the weight of the stone foundation laid be laid on top of the pier by the masons, it air pressure of sixty pounds to the by the masons above is increased. A steady will not appear to grow any higher, for

> An English Judge Gives a Questionable Decision on the

the compressed are chamber for more than four hours at a time, and at times are time, and at times are a time, and at times the caleson will be passed up to the outside world.

It is now expected that the first of the caleson will be ready in about two months, calesons where about two months, calesons will be ready in about two months, after being towed to the foot of Delancey where the Naw York and of the Naw York and the time of a time than the caleson that its owner is the nations. A cooper that the caleson has sunk to a depth of domestic animal," and that its owner is the language and Tobacco Trade in This domestic animal," and that its owner is the language and Tobacco Trade in This domestic animal," and that its owner is the language and the time of a visit in the caleson has sunk to a dep After being towed to the foot of Deisneey street, where the New York end of the street, where the New York end of the street, where the New York end of the street where the New York end of the Str

Turkey's Organized Band of Thugs and

The most murderous organization in the world is the Camorra Society of Constantinople. Its avowed mission is assassination, and every member is a murderer a dozen times over.

How the band originated nobody appears to know. It appears to consist of a large number of members, as its operations extend to all parts of Turkey, and branches of the Camorra, or similar organizations in lengue with it, exist elsewhere through the Levant. The members are almost entirely Italians and Greeks, chiefly from Naples, Sicily and Cephalonia; but they differ considerably in rank, some being mere working en, while others are men of fashlen, who arrange business matters misery. All g and carry out the better class of work, which requires something more than a strong arm and a bludgeon.

The work of the gang is varied, and is not by any means confined to murder, though that seems to have been its only ecupation at one time. The introduction of fire insurance into Turkey opened out a new field for the Camorra, and Incendiarism is now the most important occupation of the band. It is here, too, that the most effective organization is shown. Since fire insurance was introduced, the number of fires has increased at an enormous rate, until there are between 250 and 300 fires annually in Constantinople alone. Of this number at least 75 per cent are incendiary

fires, chiefly the work of the Camorra.

The method of procedure in this very profitable class of business is as follows: Either a member of the band is installed in a well-furnished house or shop, or a man already established in suitable prem ises is induced to join the band by the offer of a share in the spoils. The place is insured, generally with one of the other foreign offices, as English agents are too particular as to whom they insure, and a month or two after the insurance is effected preparations for incendiarism are

The goods are first removed and the walls and floors smeared with petroleum. The place is then fired. Should the insurance agent be too curious about the circum-stances of the fire and begin to make inquiries, he is promptly waited upon by a member of the band, who gives him plainly to understand that the affair is in the hands of the Camorra, and that he will pay with his life for any trouble he makes over the money. And woe to any informer who gives evidence of incendiarism! It is well for him if he escapes with a dagger

In most cases the agent pays the money without demur. He cannot fight the band unless they are bought; and even then it would probably be found when the ruf-fian was arrested that he would claim to be a foreign subject and find means of making his escane while being passed on to the proper authorities.

An agent has been known to resist claims, and he has either been assassinated or has narrowly escaped with his life, and has been only too glad to pay at last. One LIFE WORTH LIVING. notable instance was an attempt made in broad daylight, and in the main street of Pera, upon the life of a clerk whose employer-an English merchant-had refused to pay a fraudulent claim on the insurance company for which he was agent. The Englishman declared his determination to resist the Camorra; but after standing out for a few weeks he came to the conclusion that discretion was the better part of valor and cheaper in the long run, set tled the claim, and dismissed the two stalwart Croats who had acted as his body No More Dread of the Dental Chair

bedded with troo and steel, and it will be and supported by braces and the masons will lay the stone foundations of the pler on the wooden floor of the woodwork will be allowed to sink out of sight in the river. Then all you will see work is all finished, the air chamber will be a stone pler rising above the water of the East River, with masons working on it, while down below the workmen in the like a ship, so as to make it absolutely air tight and water tight. This lower chamber.

The lower chamber is another and very institute calisson from slipping. Then when the calsson from slipping. The calls of the trook and cut steps in it to prevent the calsson from slipping. Then when the calsson from slipping the cals of the trook and cut steps in the calsson from slipping. Then when

The unfortunate debtor is informed that unless he pays he will be knifed. He generally pays. The police, as before stated, do not interfere with the band, or, if they do, it is easy to quiet them with back-sheesh; but if the friends of a victim resolutely pursue a member of the band, he is smurgled off to the provinces by his comrades until the affair has blown over. In the event of any member of the band



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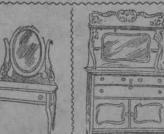




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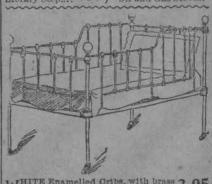


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